

CLAIMS

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1. An apparatus comprising:
a peripheral device connected to a host device, wherein
a speed of said peripheral device is adjusted in response to one
or more predetermined conditions.
2. The apparatus according to claim 1, wherein said
peripheral device is further configured to electrically disconnect
and reconnect at said adjusted speed to said host device.
3. The apparatus according to claim 1, wherein said
electrical disconnection/reconnection comprises re-enumeration of
said peripheral device.
4. The apparatus according to claim 1, wherein said
peripheral device comprises a Universal Serial Bus (USB) device.
5. The apparatus according to claim 1, wherein said one
or more predetermined conditions comprise one or more speed
considerations and one or more power considerations.

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6. The apparatus according to claim 1, wherein said peripheral device is further configured to determine a required speed of said peripheral device.

7. The apparatus according to claim 1, wherein said peripheral device is further configured to determine a power conservation of said peripheral device.

8. The apparatus according to claim 1, wherein said peripheral device is further configured to switch from a first speed to a second speed in response to said one or more predetermined conditions.

9. The apparatus according to claim 1, wherein said peripheral device is further configured to switch from a first speed to a second speed in response to a user input.

10. An apparatus comprising:
means for detecting a current operating speed of a peripheral device; and

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means for changing the operating speed of said peripheral
5 in response to one or more predetermined conditions.

11. A method for controlling the speed of operation of a peripheral device, comprising the steps of:

(A) detecting a current operating speed of said peripheral; and

5 (B) changing the operating speed of said peripheral in response to one or more predetermined conditions.

12. The method according to claim 11, wherein step (B) further comprises the step of:

electrically disconnecting and reconnecting said peripheral device.

13. The method according to claim 11, wherein step (B) further comprises re-enumeration of said peripheral device.

14. The method according to claim 11, wherein said peripheral device comprises a Universal Serial Bus (USB) device.

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15. The method according to claim 11, wherein said one or more predetermined conditions comprise one or more speed considerations and one or more power considerations.

16. The method according to claim 11, wherein said peripheral device is further configured to determine required speed of said peripheral device.

17. The method according to claim 11, wherein said peripheral device is further configured to determine a power conservation of said peripheral device.

18. The method according to claim 11, wherein said peripheral device is further configured to switch from a first speed to a second speed in response to said one or more predetermined conditions.

19. The method according to claim 11, wherein said peripheral device is further configured to switch from a first speed to a second speed in response to a user input.

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20. The method according to claim 11, wherein said peripheral device is further configured to determine required speed of said peripheral device.